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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

 Complete if Known

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 06/23/2003

 First Named Inventor
 Kenneth M. Elder

 Art Unit
 2836

 Examiner Name
 L. E. ROMAN

(Use as many sheets as necessary)

Sheet 1 of

U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	A1	^{US-} 4,563,720	01/07/1986	O. M. Clark				
	A2	^{US-} 5,519,368	05/21/1996	J. Heise, et al				
	A3	^{US-} 4,876,713	10/24/1989	Crosby, et al				
	A4	^{us-} 5,061,891	10/29/1991	Totsuka, et al				
	A5	l ^{us-} 5.388.021	02/07/1995	G. Stahl				
	A6	l ^{us-} 4,092,582	05/30/1978	Newbould				
	A7	^{us-} 4,635,019	01/06/1987	Akachi, et al				
	A8	^{us-} 5,565,836	10/15/1996	Groehl, et al				
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FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [®]			
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